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OCT 1 0 2006

OUR REF.: 3275.27US01



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DATE:

October 10, 2006

TO:

Examiner Sung H. Pak

Group Art Unit 2874

PHONE #:

571-272-2353

FAX #:

571-273-8300

Application No.:

10/082,603

Applicant:

YAN et al.

Due Date:

October 11, 2006

FROM:

Peter S. Dardi, Ph.D.

PHONE #:

404-949-5730

Attached is the following for filing in the above-identified application.

(1) Amendment in response to Office Action dated August 11, 2006.

Respectfully submitted,

Letw D. Dardi

Peter S. Dardi, Ph.D.

Registration No. 39,650

CERTIFICATE OF FACSIMILE TRANSMISSION

Thereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 571-273-8300 on the date shown below.

October 10, 2006

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OCT 1 0 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

New Attorney Docket No.: 3275.27US01

Old Attorney Docket No.: LWM-A078

YAN et al.

Confirmation No. 5733

Application No.:

10/082,603

Examiner: Sung H. Pak

Filed: February 22, 2002

Group Art Unit: 2874

For:

FILTER RESPONSE OPTIMIZATION FOR AN ARRAYED WAVEGUIDE

GRATING DEVICE BY ADJUSTING GRATING OPTICAL PATH LENGTH AT

NANOMETER SCALE

AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In response to the Office Action of August 11, 2006, please enter the following amendments.

The present amendment comprises the following sections:

- A. Amendment to the Claims
- B. Remarks

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 50-3863.

CHRITIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 571-273-8300 on the date shown below thereby constituting filing of same.

October 10, 2006

Date

Peter S. Dardi, Ph.D.